



Clean Cities Program 2010 Update

Mike Scarpino

Clean Cities Regional Project Manager

US Department of Energy

National Energy Technology Laboratory

Michael.Scarpino@netl.doe.gov



- Program Overview
- ARRA Project Overview
- FY09 Projects Overview
- Noteworthy Pending Legislation
- Next Funding Opportunity: FY 11 & FY 12
- National Partner Efforts
- Clean Cities Tools and Resources



Clean Cities' Mission

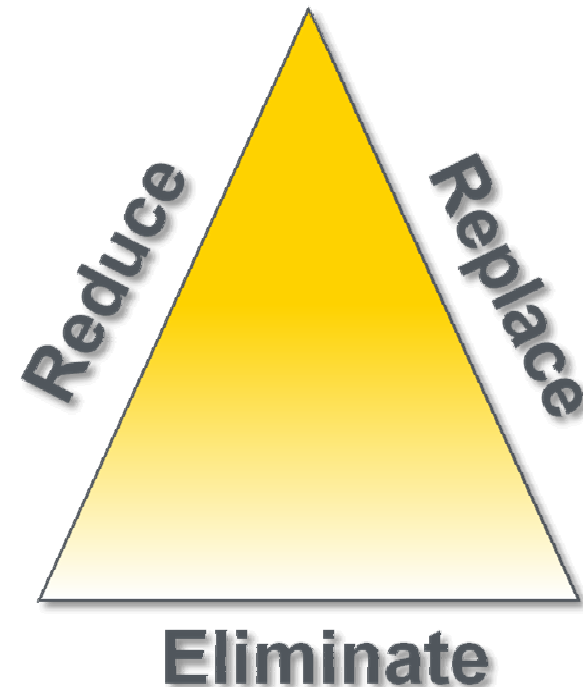
To advance the energy, economic, and environmental security of the U.S. by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption in the transportation sector.

- Sponsored by the DOE's Office of Energy Efficiency and Renewable Energy's Vehicle Technologies program
- Provides a framework for businesses and governments to work together as a coalition to enhance markets
- Coordinate activities, identify mutual interests, develop regional economic opportunities, and improve air quality
- Deployment of alternative fuels and advanced vehicle technologies

Petroleum Displacement Methods



- **Replace** petroleum with alternative fuels and low-level blends.
- **Reduce** by promoting energy efficiency in vehicles through advanced technologies and more fuel efficient vehicles.
- **Eliminate** by promoting idle reduction, greater use of mass transit, trip elimination, and other congestion mitigation approaches.



Clean Cities Portfolio of Technologies

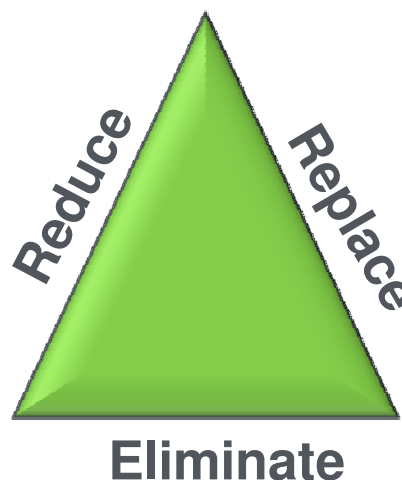


Alternative Fuels

Biodiesel (B100)
Electricity
Ethanol
Hydrogen
Propane
Natural Gas

Idle Reduction

Heavy-Duty Trucks
School & Transit Buses
Light-Duty Vehicles



Hybrids

Light- and heavy-duty
Hydraulic hybrids
Electric hybrids
Plug-In hybrids

Fuel Economy

More Fuel efficient vehicles,
adopting smarter driving and
vehicle purchasing habits

Deployment Efforts include 5 basic elements



1) Consumer Information, Outreach, and Education:

Fuel Economy Guide, Alternative Fuel Data Center (AFDC), other web based consumer tools, targeted workforce and end-user education

2) Local Community & Coalition Support:

Direct support for CC activities, public events, training for CC coalitions & key community decision makers, and deployment project coordination

3) Partnership Development:

Targeted Industry, End-user, University, and Stakeholder Partnerships

4) Technical & Problem Solving Assistance:

Addressing Market Barriers, Safety Issues, Technology shortfalls

5) Financial Assistance:

Funding to Facilitate Infrastructure Development and Vehicle Deployment

Established Network of Coalitions

- ~100 coalitions & partnerships
- > 5,700 stakeholders from businesses, city & state governments, transportation industry, community organizations, fuel providers



Clean Cities Today



- 87 active coalitions in 45 states
- Coalitions serve 78% of the population
- 632,000 AFVs using alternative fuels
- 5,600 AFV stations
- 6,500+ stakeholders



Budget History

(not including \$300M funding from ARRA)

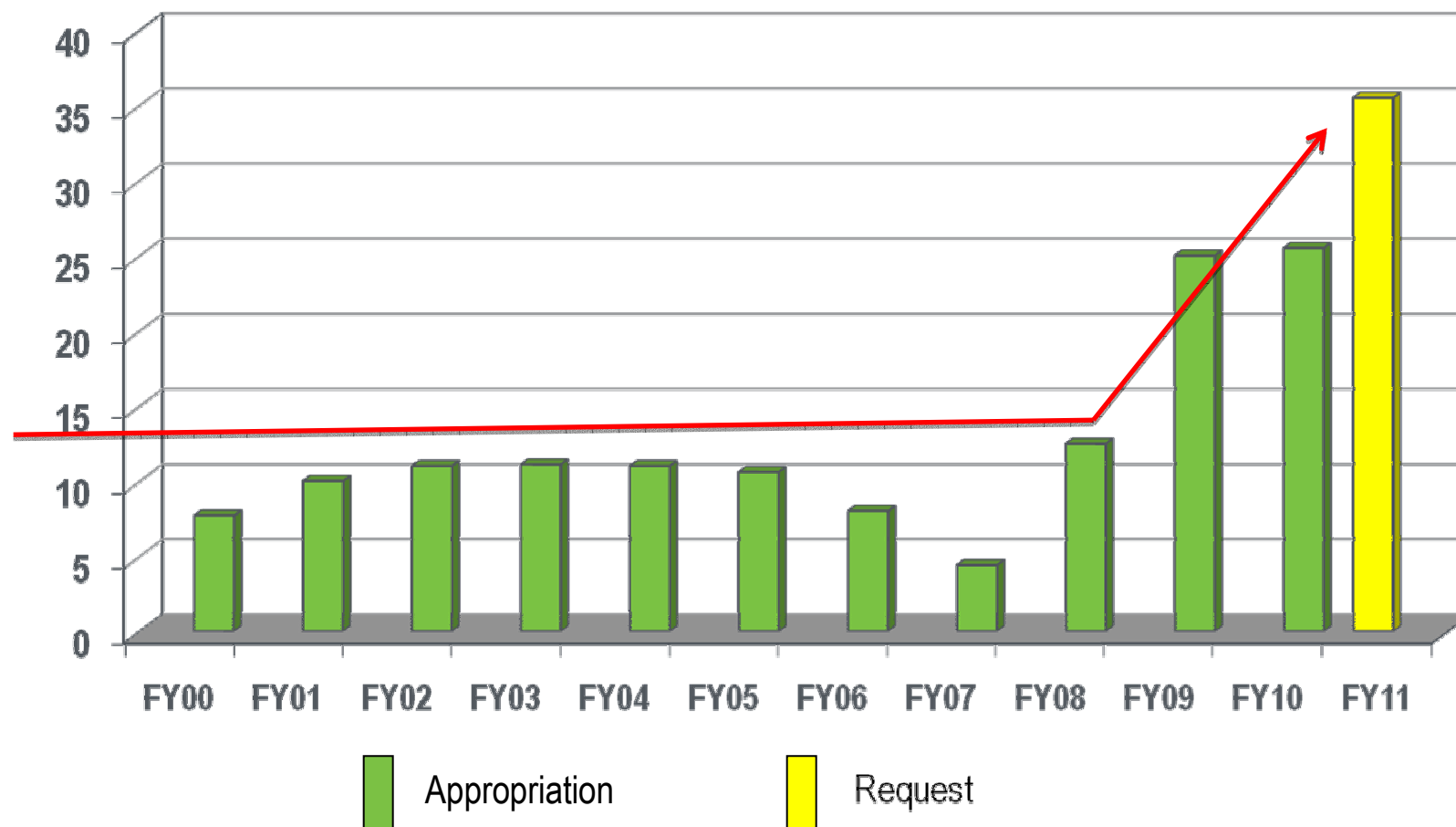
U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy

Clean Cities Budget

* ARRA \$300M is > **200%** of the Clean Cities budget spent in the **last 10 years**

\$ Millions



Clean Cities ARRA Projects

OBJECTIVES:

- Increase the use of alternative fueled vehicles and advanced technology vehicles to reduce petroleum, increase efficiency, and improve emissions.
- Install infrastructure that supports alternative fuels.

REQUIREMENTS:

- Geographically dispersed project awards
- < 30 projects
- Provide appropriate education and training for project participants and in the larger community about project benefits.
- Collect data on the success of the project through collection of vehicle, infrastructure and training information.
- ARRA focused on recovery of jobs.

AOI 4: Alternative Fuel and Advanced Technology Vehicle Pilot Grant Program (cont.)

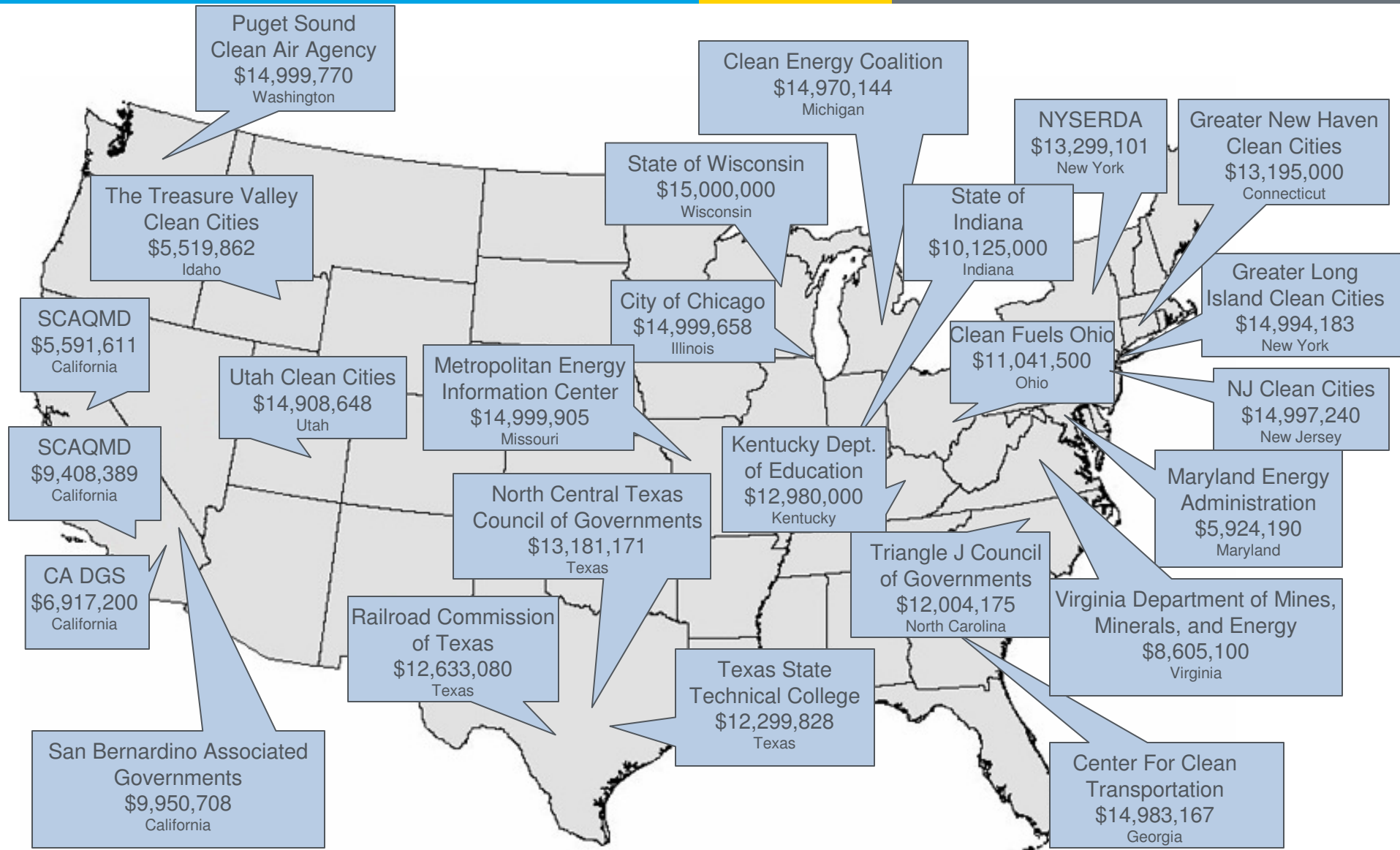


Energy Efficiency &
Renewable Energy

- \$300M in total Federal funding (ARRA)
- Represents 37% of total AOI 4 project costs
- 25 awards under AOI 4, nationwide
- 40M+ gge/yr petroleum displacement
- ~ 9,200 AFVs and advanced technology vehicles
- 1,000+ alternative fuel refueling or charging stations installed or upgraded
- 9,000+ jobs to be created
- ~ 1.9B lb CO₂/yr of greenhouse gas (GHG) reductions

Clean Cities Recovery Act Awards

25 Projects ~\$300M DOE ~\$500M Cost Share

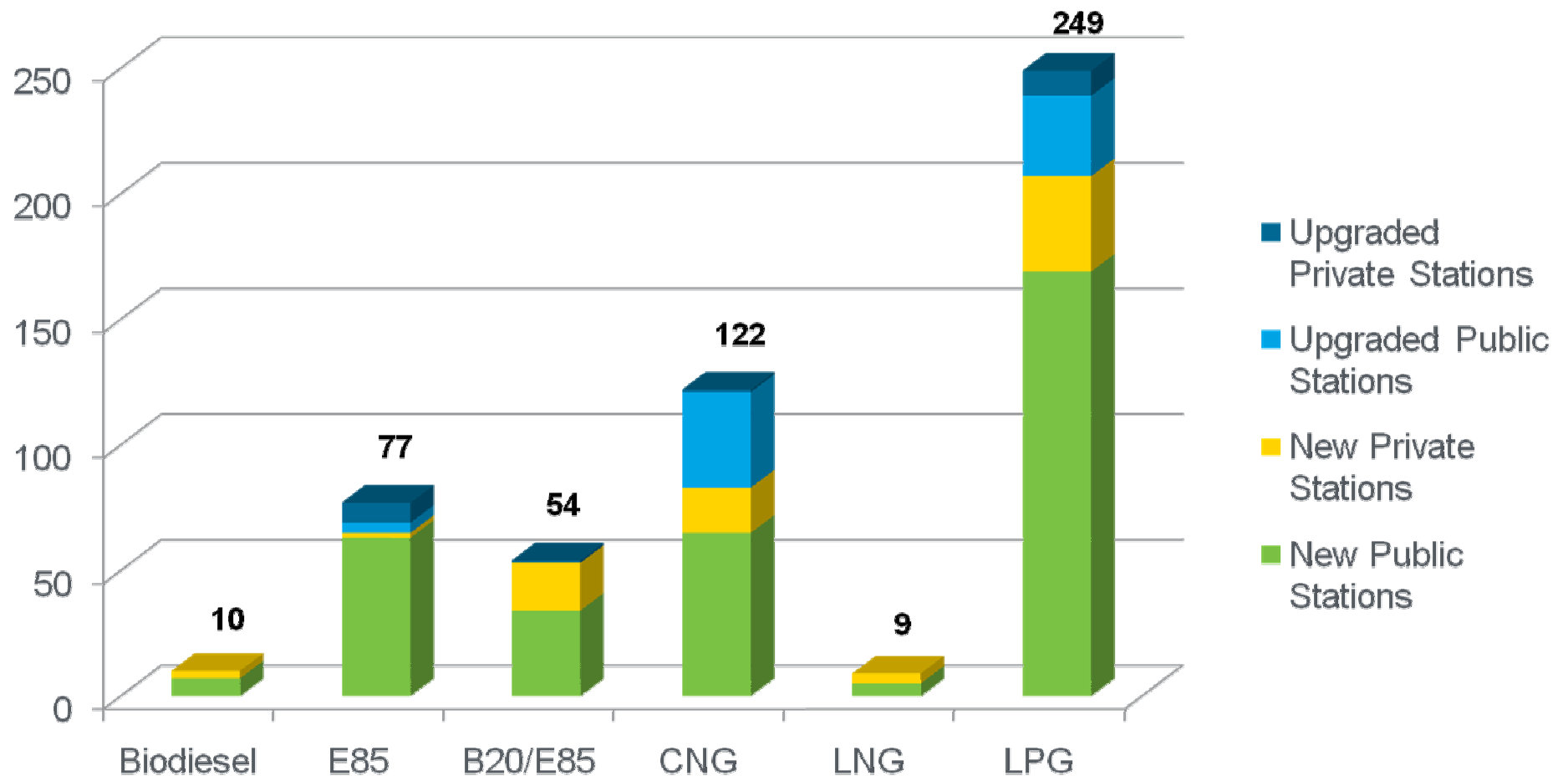


Clean Cities Recovery Act Projects

Planned New & Existing Refueling Infrastructure by Fuel and Accessibility



More than 1000 alternative fuel refueling or charging stations will be installed or upgraded. Of these, approximately 550 will be electric charging stations.



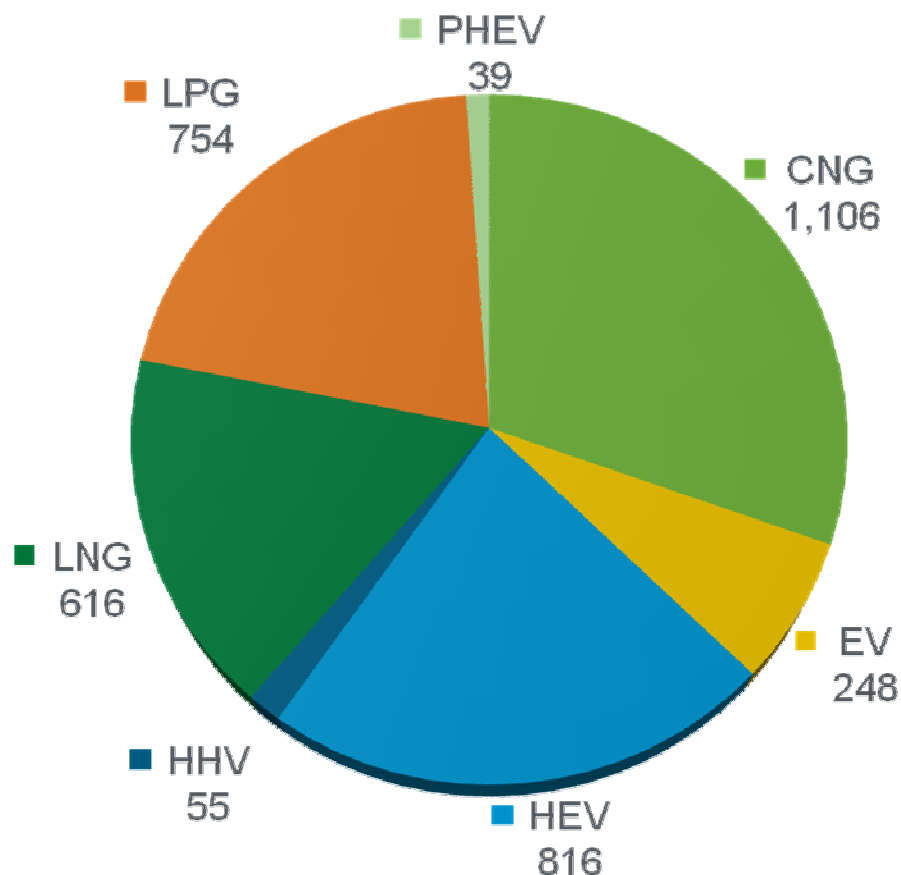
Clean Cities Recovery Act Projects

Planned Vehicle Distribution by Fuel/Technology



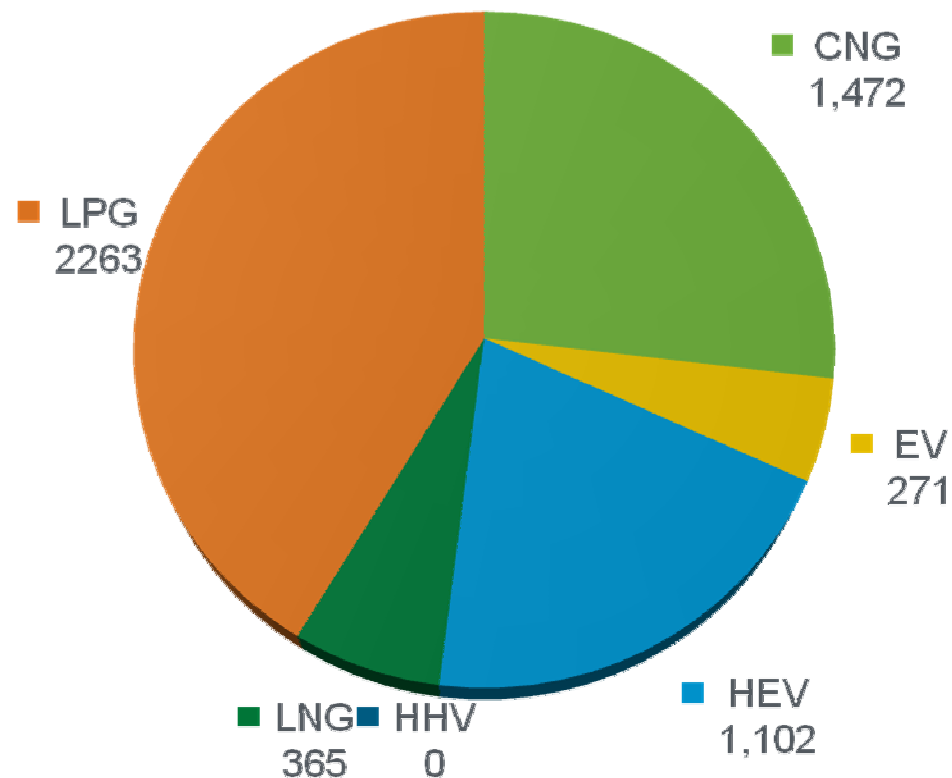
MDV/HDV Distribution

3,634 vehicles



LDV Distribution

5,473 vehicles



*9,107 total planned vehicle orders

Sample Project Partners



• National Fleets

- United Parcel Service
- Sysco
- Coca Cola
- Verizon
- Waste Management
- Frito Lay
- Ryder
- Fed Ex
- Allied Waste
- Canteen Vending



• Other National Companies

- Staples
- ConnocoPhillips
- Marriott
- Hilton
- The Parking Spot



• Industry Partners

- Clean Energy
- Blossman Gas
- Clean FUEL USA
- Gas Technology Institute
- National Alt Fuels Training Consortium
- Propane Education & Research Council
- Daimler Trucks North America
- Bluebird
- Freightliner Trucks
- CALSTART



Clean Energy



BLUE BIRD

• Utilities

- Questar Gas
- Peoples Gas
- National Grid
- Citizens Energy
- DTE Energy
- Commonwealth Edison

DTE Energy



Sample Project Partners (cont)



- Regional/Local Fleets/Companies

- Atlantic City Jitney Association
- Meijer
- Rumpke
- Enviro Express
- Manhattan Beer Distributors
- Westchester Ambulette
- Central Jersey Waste



- Colleges/Universities

- University of Missouri KC
- University of Michigan
- University of Wisconsin-Madison
- Washington State University
- SUNY-Albany
- James Madison University
- University of Utah



- Local Taxi Companies

- Red Top Cab (DC)
- Columbus Green Cabs (OH)
- Cleveland Yellow Cab (OH)
- Yellow Cab (Hartford CT)
- Metro Cab (New Haven CT)
- Happy Cab (Omaha NE)



- State/Local Governments/Agencies

- California Energy Commission
- Dallas-Ft. Worth Int'l Airport
- City of Milwaukee
- Seattle-Tacoma Int'l Airport
- Indiana DOT
- Ann Arbor Transportation Authority
- Wisconsin DOT
- LA Unified School District
- Nassau & Suffolk Counties (NY)
- Hartsfield-Jackson Atlanta Int'l Airport



Clean Cities FY09 Projects

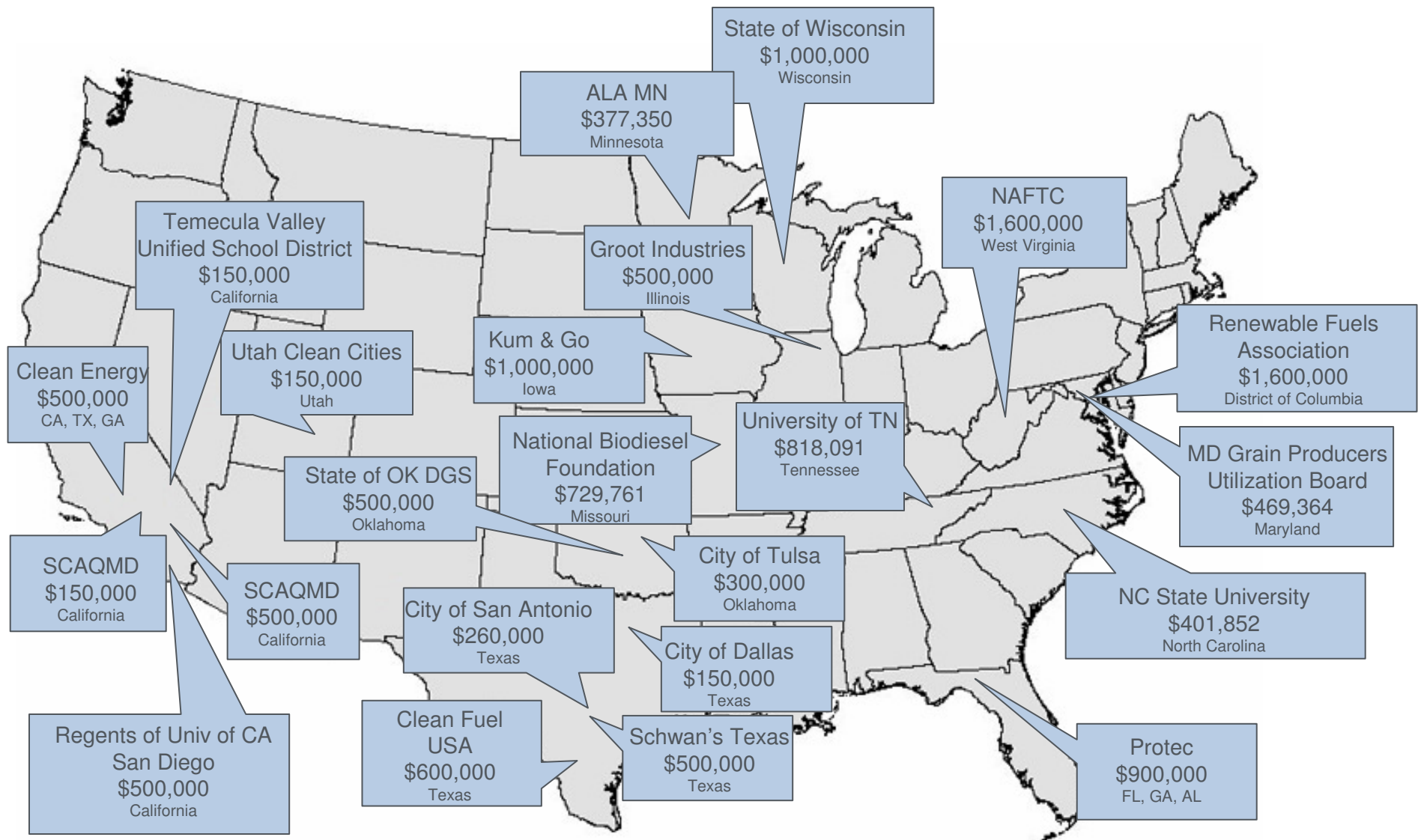


1. Refueling Infrastructure for Alternative Fuels
 - A Retail Biofuels
 - B Terminal Blending & Gaseous Fuels
2. Incremental Cost of Alternative Fuel Vehicles
3. Education and Outreach Projects

Clean Cities FY 09 Projects: AOI #1, AOI #2, AOI #3:

- \$13.6M in total Federal funding
- 23 awards total
 - AOI #1: 13 awards, AOI #2: 7 awards, AOI #3: 3 awards
- 557 AFVs and advanced technology vehicles
 - 146 MD/HD CNG, 191 LD CNG, 5 HD CNG HEV
 - 150 MD/HD LPG, 65 LD LPG
- 185 alternative fuel refueling installed or upgraded
 - 108 E85, 30 B20, 20 CNG, 26 LPG, 1 LNG
- Over 100 workshops nationwide to increase knowledge and/or raise awareness about alternative fuels and advanced vehicle technologies.

Clean Cities FY 09 Awards Geographical Distribution (AOI #1-3)



Noteworthy Pending Legislation

S.3495 - Promoting Electric Vehicles Act of 2010

- **Sponsors**

- Sen. Byron Dorgan [D-ND]
- Sen. Jeff Merkley [D-OR]

- **Status**

- ***Introduced June 15th, 2010***
 - Referred to Committee on Energy and Natural Resources
 - (Full Committee Hearing held 6/22)



S.3495 - Key Elements

- **\$4 billion** to targeted Plug-in Electric Drive Deployment Communities Program
 - **Five to 15 Phase-1 Deployment Communities**
 - Five Year Goal: 700,000 Plug-in EV market penetration
 - Minimum \$2,500 consumer rebate/tax incentive, etc.
 - In addition to targeted Deployment Communities, it contains a 5-Year, \$100 million program to advance *nationwide* adoption
- Appropriates **\$1.5 billion** in **R&D**
 - Fiscal Years 2011 through 2020
 - Focus on Battery Technology
- Additional emphasis on *consumer education & workforce training*

S.3495 - Promoting Electric Vehicles Act of 2010 (cont.)

- **Opposition:**

- ***Alliance of Automobile Manufacturers***

- Trade Association for eleven major car and light truck manufacturers
 - *“We believe the legislation should allow manufacturers, fuel providers, and communities the flexibility to invest in **multiple electric drive pathways**, including fuel cell electric vehicle and related hydrogen infrastructure.”*

- **Favor:**

- **Nissan** (an outlier of the Auto Alliance) believes there will be a 10% pure electric market penetration by 2030
 - **Electrification Coalition**

S.3511 - Promoting Electric Vehicles Act of 2010

(*Modified version of S. 3495*)

- **Sponsors**

- Sen. Byron Dorgan [D-ND]
- Sen. Jeff Merkley [D-OR]
- Sen. Lamar Alexander [R-TN]



- **Status**

- Introduced June 18th, 2010
 - Referred to Committee on Energy and Natural Resources

S.3511 - Key Elements (Modified S. 3495)

- Appropriates ***\$2 billion*** to Targeted Plug-In Electric Drive Vehicle ***Deployment*** Communities Program
 - Target Communities may request up to ***\$250 million***
 - Minimum \$2,500 consumer rebate/tax incentive, etc.
 - 120 days after enactment of Act, criteria will be published for the selection of deployment communities
 - State, tribal, or local government entity (*or coalitions of these*)
 - 120 days later, the selected communities will be announced
 - Grants subject to a minimum of non-federal ***cost sharing requirement of 20%***
- Appropriates ***\$1.5 billion*** for ***R&D***
 - Grants & Awards to spur battery technologies
 - Fiscal Years 2011 through 2020

S.3511 - Application Criteria for Pilot Communities

- Goals of Each Community:
 - Number of Plug-in EVs to be deployed in the community
 - Light-Duty Vehicle Sales
- Evidence that:
 - The public is likely to embrace Plug-in EVs
 - Documentation demonstrating a substantial partnership with relevant stakeholders
 - Utilities, Governments, Elected Officials, Major Fleet owners, etc.
 - A clear description of the role and responsibilities of each stakeholder
 - A proposed level of **cost sharing** is in accordance w/legislative requirements (20%)
- Plans:
 - for **deploying** residential, private, and publicly available charging **infrastructure**
 - for effective **marketing** of and **consumer education** relating to plug-in electric drive vehicles, charging services, and infrastructure

S.3511 - Application Criteria for Pilot Communities (cont.)

- Descriptions of:

- Updated construction, inspection, and permitting processes
 - Vehicle purchaser needs assurance that the infrastructure will be finished in ***1 week***.
- Updated zoning, parking, and other local ordinances
- Each consumer in the community receives a ***minimum of \$2,500*** in consumer benefits, in addition to any Federal incentives
- A concrete ***Deployment Timeline***

S.3511 - Pilot Community Selection Criteria (DOE Perspective)

- The combination of selected communities is **diverse** in *population, demographics, urban/suburban composition, typical commuting patterns, climate, and type of utility*
- At least 1 community selected has a population of less than **125,000**
- Each must maintain a community deployment plan for the deployment of plug-in EVs, charging infrastructure, and services in the deployment community

H.R. 5442 - Electric Drive Vehicle Deployment Act of 2010

- **Sponsors**

- Rep. Edward Markey [D-MA7]
- Rep. Judy Biggert [R-IL13]
- Rep. Anna Eshoo [D-CA14]
- Rep. Jerry McNerny [D-CA11]

- **Status**

- Introduced May 27th, 2010
- Referred to:
 - House Energy and Commerce (Subcommittee Assignment)
 - House Oversight and Government Reform (Subcommittee Assignment)
 - House Science and Technology (Subcommittee Assignment)
 - House Ways and Means (Subcommittee Assignment)
 - House Transportation and Infrastructure (Subcommittee Assignment)
 - House Transportation and Infrastructure (Subcommittee Assignment)





H.R. 5442 - Key Elements

- **\$800 million to \$1 billion** distributed among *five* cities or transportation corridors
 - Calls for regional governments to sell \$100 million in bonds to help fund the infrastructure build-out
- First 100,000 consumers in each of the five chosen pilot communities get rebates or tax incentives of at least \$2,000
 - Businesses could get up to a \$50,000 credit for purchase and installation of multiple charging stations.

H.R. 5442 - Application Criteria for Pilot Communities

- Plans to:

- Promote, market, and support the deployment of electric drive vehicles in a deployment community
- Make publicly available electric drive vehicle charging infrastructure, including:
 - Policy on cost sharing, methodology for determining the placement of such infrastructure, and ensures use of open, non-proprietary standards that maximize interoperability with Smart Grid technologies.

- Outline of:

- The ***role of each stakeholder*** participating in the deployment, and an indication of how the financial assistance applied for will be used in the deployment community.
- The ***number of electric drive vehicles projected to be deployed***
- The extent to which ***electric utilities*** in the deployment community have or ***plan to update policies***

Key Takeaways

- H.R. 5442 is a much more modest effort to rapidly electrify the national automotive fleet than S.3511
- Senate leadership has already held a Committee Hearing on EV Deployment and modified the legislation based on recommendation from panelists and other stakeholders.
- Excluding the financial scope of the proposed deployment programs, the legislation of both H.R. 5442 and S. 3511 overlaps to a great degree.
- On 7/20, Senate Energy Committee approved scaled back version of Dorgan bill to \$3.6B
- Senate Democrats are debating whether to include new electric vehicle funding as part of an energy bill they hope to approve before Congress goes home on summer recess

Clean Cities: Next Funding Opportunity FY11 & FY12

Budget History

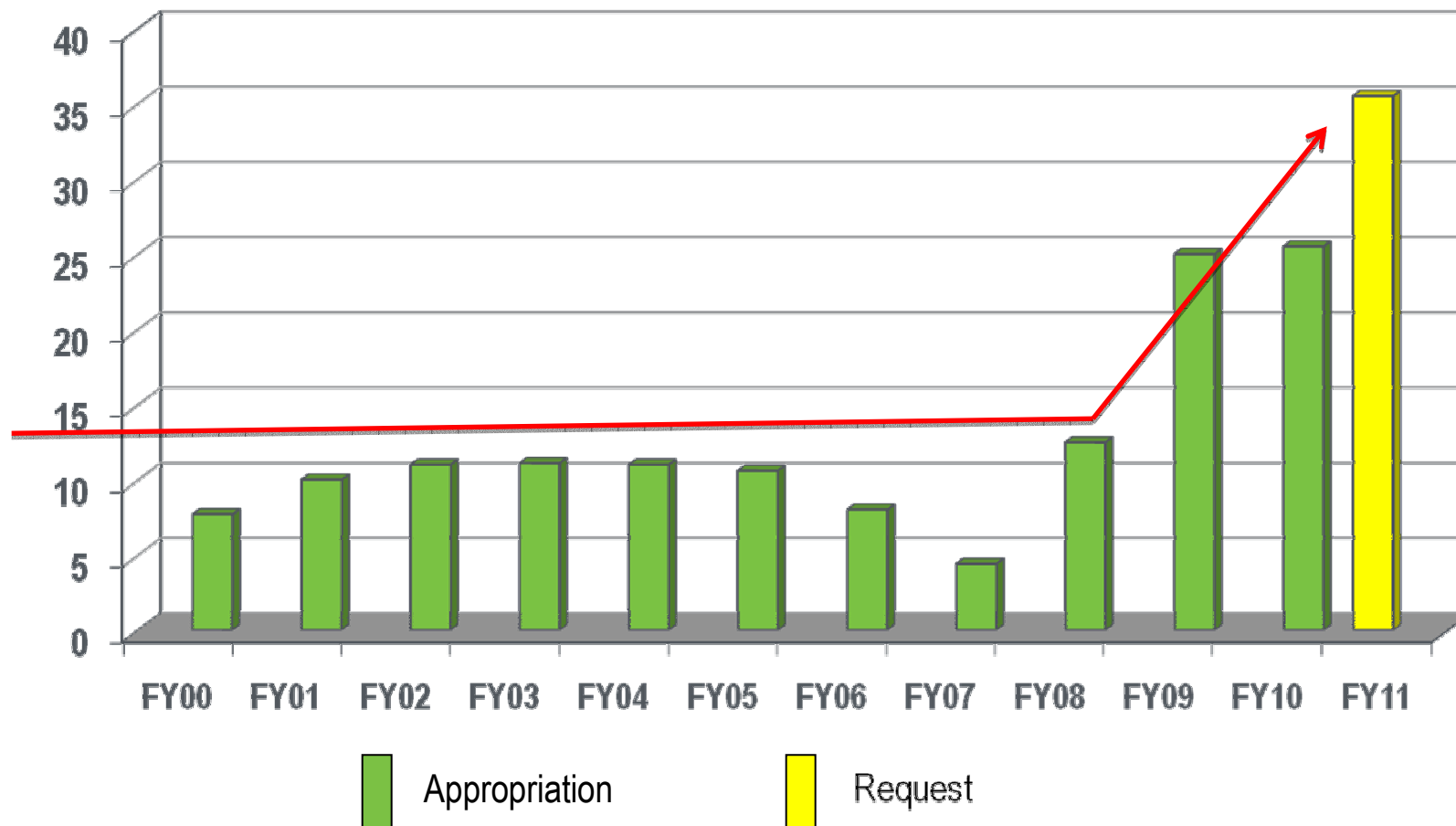
(not including \$300M funding from ARRA)



Clean Cities Budget

* ARRA \$300M is > **200%** of the Clean Cities budget spent in the **last 10 years**

\$ Millions



FY 11 Proposed Clean Cities Budget language and the next Solicitation

- Proposed FY 2011 funding of \$35.5 million includes \$20 million for support of transportation electrification-related infrastructure activities.
- These efforts include market analysis that will identify communities and Regions where aggressive infrastructure deployment efforts will have the greatest chances for success and determine which technologies and vehicle charging systems are market ready, practical, and safe for widespread introduction.

FY 11 Proposed Clean Cities Budget language and the next Solicitation

- Technical and financial assistance programs will be developed to accelerate the introduction of these technologies, and targeted consumer education and outreach efforts will focus on helping drivers and fleet operators choose electric-drive vehicles and charging systems that best suit their needs while also training the support-service providers that will be needed to install, maintain, and repair these systems.
- Activities supporting codes and standards that facilitate the introduction of electric drive vehicles and infrastructure will also be conducted.

Potential Funding Categories for FY 11 Solicitation

1. **Infrastructure for Alternative Fuels:**

- fund a percentage of the infrastructure cost associated with developing alternative fuel fueling capability.

2. **Incremental Cost of Alternative Fuel Vehicles**

- fund a percentage of the incremental cost associated with purchase of dedicated alternative fuel vehicles and/or advance technology vehicles.

3. **Category du jour**

- Electrification activities (which may be included in the above or separately)



Potential Schedule for FY 11 Clean Cities Program Solicitation

1. NETL will have Project Management and Administrative oversight
2. Estimated Date to Issue Solicitation: Dec 2010- Jan 2011
3. Estimated Due Date For Proposals: Feb 2011- Mar 2011
4. Estimated Award Date: Summer 2011
5. Estimated Funding Available: \$24-30 million in DOE funds over 2 year funding period (i.e. \$12-15 million in FY 11 funds & \$12-15 million in FY 12 funds).

Note: All funding estimates are contingent upon final Federal budget appropriations for FY11 and future fiscal years.

Clean Cities National Partner Efforts

Clean Cities National Partner Program – Under Development



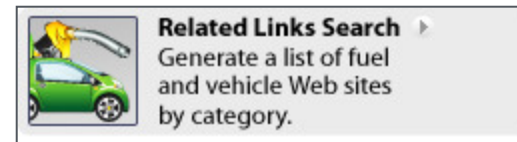
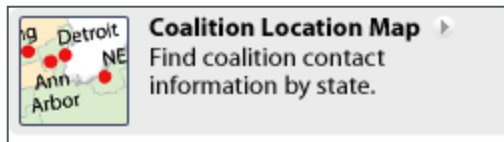
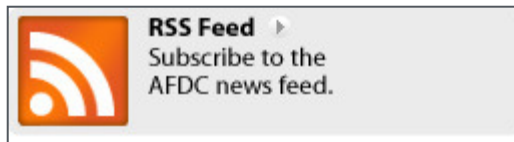
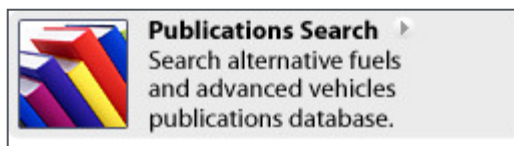
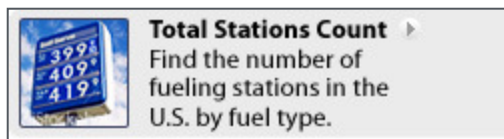
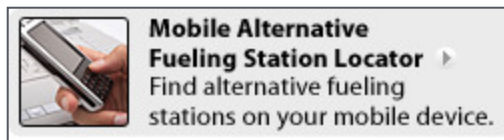
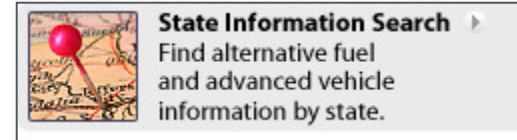
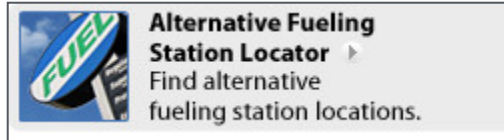
- *The mission of the National Partner Program will be to develop strategic alliances with national fleets to assist their efforts in reducing petroleum consumption through the deployment of alternative fuel vehicles and advanced vehicle technologies.*
- Proposed Program Elements:
 - Streamline coordination with Clean Cities via one point of entry, but with access to all 90 coalitions
 - Access to new and existing Clean Cities tools
 - Provide unbiased, accurate technical and market resources
 - Individualized fleet assessments
 - Networking and peer exchange with other national and local fleets
 - Potential for bulk buying or vehicle purchase aggregation
 - Partner recognition at the national and local levels
- More information is forthcoming (anticipated Fall 2010 launch)

Clean Cities Tools & Resources

Tools, Publications, Data, and much more !



Web Based and Mobile Versions of Powerful Clean Cities Tools



Access all of the tools and information at

Clean Cities / 44 www.afdc.energy.gov/afdc/info_resources.html

Clean Cities Web Resources



Clean Cities strives to advance the nation's economic, environmental, and energy security by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption. Clean Cities has a network of approximately 90 volunteer coalitions, which develop public/private partnerships to promote alternative fuels and advanced vehicles, fuel blends, fuel economy, hybrid vehicles, and idle reduction.

Clean Cities is part of the Office of Energy Efficiency and Renewable Energy's [Vehicle Technologies Program](#).



- Select Coalition-Related Information**
- [Starting Coalitions](#)
 - [Coalition Locations](#)
 - [Program Contacts](#)
 - [Coordinator Contacts](#)

[What is Clean Cities? Fact Sheet \(PDF 2 MB\)](#)
[Download Adobe Reader](#)

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The Alternative Fuels and Advanced Vehicles Data Center (AFDC, formerly known as the Alternative Fuels Data Center) provides a wide range of information and resources to enable the use of alternative fuels (as defined by the [Energy Policy Act of 1992](#)), in addition to other petroleum reduction options such as advanced vehicles, fuel blends, idle reduction, and fuel economy.

This site is sponsored by the U.S. Department of Energy's [Clean Cities](#) initiative.



Data, Analysis, and Trends
Our [Data, Analysis, and Trends](#) section provides industry trends and facts based on data analysis.

[Printable Version](#)

www.fueleconomy.gov



United States Department of Energy
Energy Efficiency and Renewable Energy

United States
Environmental Protection Agency

FIND AND COMPARE CARS...



Gas mileage (MPG), greenhouse gas emissions, air pollution ratings, and safety information for new and used cars and trucks

- [Compare Side-by-Side](#)
- [Advanced Search](#)

YOUR MPG ...



Why is fuel economy important?

- Climate Change
- Strengthen National Security

Diesel Vehicles

- [Tax Incentives](#)
- [Biodiesel](#)

Gas Mileage Tips

- [Driving More Efficiently](#)
- [Drive Smarter Challenge](#)

Hybrid Vehicles

- [How Hybrids Work](#)
- [Tax Incentives](#)

Videos

- [Extreme MPG](#)
- [Motorweek Videos](#)

Alternative Fuel Vehicles

- [Flex-Fuel Vehicles](#)

CARS

car allowance rebate system

Trade in your old, inefficient vehicle for a new, more efficient one.

Also known as the
"Cash for Clunkers" Program

In the News...

[Electric Cars' MPG Conundrum](#) - BusinessWeek

[More Are Hired to Speed Up the Clunker Reimbursements](#) - The New York Times

[Scion dealers say tiny iQ is coming in 2010](#) - AutoWeek

[Disclaimer](#)

[More News](#)

Clean Cities
AFDC
FuelEconomy.gov

Clean Cities Web Site



www.eere.energy.gov/cleancities

- Financial opportunities
- Contact information
 - ✓ Coalitions
 - ✓ Program staff
- Information resources
 - ✓ Newsletters
 - ✓ Technology bulletins
 - ✓ Technical assistance



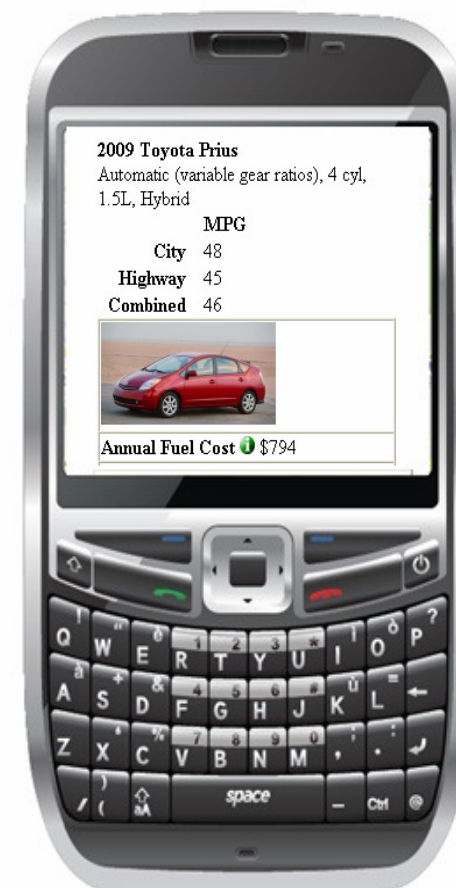
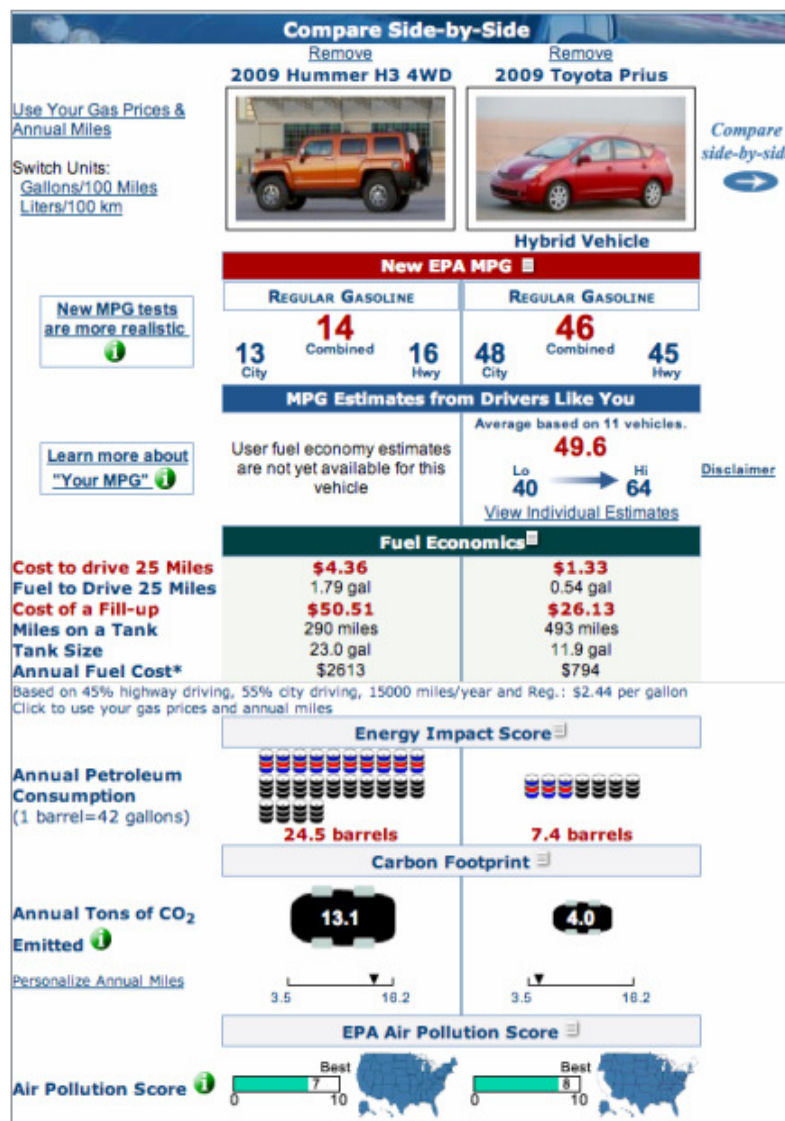
www.FuelEconomy.gov

Fuel economy information

- ✓ Side-by-side comparisons
- ✓ Fuel economy ratings
- ✓ Carbon footprint
- ✓ Average annual fuel cost



Fuel Economy Information



Alternative Fuels & Advanced Vehicles Data Center (AFDC) Web Site



AFDC Web Site – www.afdc.energy.gov

- Alternative fueling station locator
- Incentives and laws
- Clean fleet guide
- Data, analysis, and trends
- Alternative fuel price report
- Technology bulletins & newsletters
- State-specific Web pages
- Vehicles searches
- Cost calculators
- Idle reduction equipment listing and search options
- Searchable document database

...and MORE!



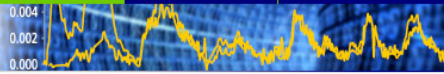
AFDC Data, Analysis & Trends



Alternative Fuels & Advanced Vehicles Data Center

[About the AFDC](#) [Fuels](#) [Vehicles](#) [Fleets](#) [Incentives & Laws](#) [Data, Analysis & Trends](#) [Information Resources](#) [Home](#)

Data, Analysis & Trends



[Printable Version](#)

Data stored in the Alternative Fuels and Advanced Vehicles Data Center (AFDC) can provide insight to policymakers, entrepreneurs, fuel users, and other parties interested in reducing petroleum consumption. The National Renewable Energy Laboratory analyzes transportation-related data and identifies trends related to alternative fuels and vehicles. These analyses are posted in the AFDC as technical reports and Excel spreadsheets that can be manipulated by outside users. To provide the most robust collection of information possible, this section also includes links to data analyses from outside the AFDC. These sources are noted in each file.

This page serves as a table of contents for the Data, Analysis, and Trends section. For more information, choose the following links.


[Vehicles](#) [Fuels](#) [Infrastructure](#) [Biomass Resources](#) [Geographic](#) [Incentives and Laws](#) [Clean Cities](#) [State and Alternative Fuel Provider Fleets](#) [Federal Fleets](#) [Data Collection Methodologies](#)


For more information about the data, analysis, and trends presented on these pages, please contact [Caley Johnson](#) at the National Renewable Energy Laboratory.


[Printable Version](#)


[Site Map](#)
[EERE Information Center](#)

FEATURES

 **Petroleum Reduction Planning Tool**

 **Alternative Fuel Price Report**

 **Total Station Counts**
By State and Fuel Type

 **Clean Cities**

AFDC Incentives & Laws



State & Federal Incentives & Laws

Our database captures state and federal laws and incentives related to alternative fuels and vehicles, air quality, fuel efficiency, and other transportation-related topics. State-level information is updated annually after each state's legislative session ends. To access state information, select a state from the map below. Federal information is updated after enacted legislation is signed into law. Select the Federal Incentives and Laws link below for the latest federal-level information.

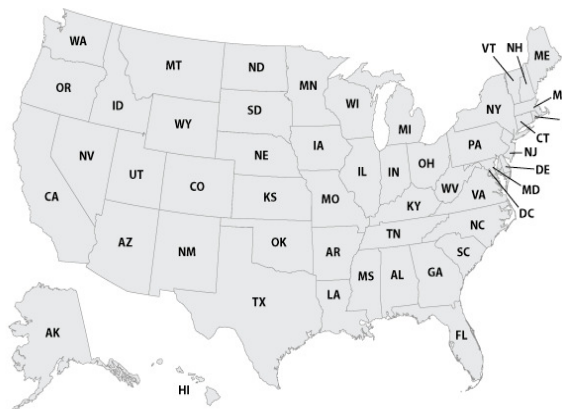
Read a brief summary of the provisions of the [Energy Improvement and Extension Act of 2008](#) that was part of the Emergency Economic Stabilization Act. These provisions pertain to alternative fuels and vehicles.

The [Energy Independence and Security Act of 2007](#) (P.L. 110-140) was signed into law on December 19, 2007. This broad-reaching policy contains many provisions to increase energy efficiency and the availability of renewable energy. For the complete text, download The Energy Independence and Security Act of 2007 ([PDF 895 KB](#)). [Download Adobe Reader](#)

Selected summaries from federal legislation related to alternative fuels and advanced transportation technologies are also available, view [select summaries](#).



- [Federal Incentives and Laws](#)
- [Recent Federal Actions](#)



- [List All States - Alternative Fuel Vehicle Incentives and Laws](#)
- [List All States - Expired Alternative Fuel Vehicle Incentives and Laws](#)
- For additional incentives related to renewable energy, go to the [Database of State Incentives for Renewable Energy](#).

Learn about our data collection methodologies. >

Custom Query

Create a search query to compare state laws, combine federal and state incentives, and more.

Summary Tables

- [Incentive Type](#)
- [Regulation Type](#)
- [Technology/Fuel Type](#)
- [User Type](#)



Colorado Incentives and Laws

Last Updated July 2008

The Colorado legislature meets annually from early January to early May. During the session, the governor must sign or veto legislation within 10 days of transmittal (except Sundays) or it becomes law without signature. Legislation transmitted to the governor within the last 10 days of the session must be acted upon within 30 days after the last day of the session or it becomes law without signature.

Colorado is the home of the Denver Metro (www.lungcolorado.org/CleanCities.htm), Northern Colorado (www.northcoloradocleancities.com), and Southern Colorado Clean Cities Coalitions. Coordinator contact information is listed in the Points of Contact section.

[View All Colorado Summaries >](#)

State Incentives

- [Biofuels Research Grants](#)
- [Alternative Fuel Vehicle \(AFV\) and Hybrid Electric Vehicle \(HEV\) Tax Credit](#)
- [Alternative Fuel Vehicle \(AFV\) Rebate](#)
- [Alternative Fuel Infrastructure Tax Credit](#)
- [High Occupancy Vehicle \(HOV\) Lane Exemption](#)
- [Low Emission Vehicle \(LEV\) Sales Tax Exemption](#)

State Laws and Regulations

- [Clean Energy Development Authority](#)
- [Funding for Alternative Fuel Feedstock Production](#)
- [Promulgation of Renewable Fuel Storage Tank Regulations](#)
- [Alternative Fuel Use and Vehicle Acquisition Requirement](#)
- [Alternative Fuel Definition](#)
- [Alternative Fuel Vehicle \(AFV\) Registration](#)
- [Alternative Fuel Vehicle \(AFV\) Weight Limit Exemption](#)
- [Alternative Fuels Tax and Vehicle Decal](#)
- [Gasoline Gallon Equivalent Definition](#)
- [Idle Reduction Requirement - Denver](#)
- [Idle Reduction Requirement - Aspen](#)

Utilities/Private Incentives

- [Natural Gas Fuel Rate Reduction and Infrastructure Maintenance](#)
- [Natural Gas Infrastructure Technical Assistance](#)

[Colorado Points of Contact >](#)

[View All Expired Colorado Laws >](#)

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AFDC Alternative Fueling Station Locator



Alternative Fuels & Advanced Vehicles Data Center

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Basic Station Search [Map a Route](#) [Stations by State](#)

First: Select one or more fuels.

☐ Biodiesel (B20 and above)

☒ Compressed Natural Gas (CNG)

☐ Electric

☐ Ethanol (E85)

☐ Hydrogen

☐ Liquefied Natural Gas (LNG)

☐ Liquefied Petroleum Gas (Propane)

Second: Enter a complete address or zip code.

Show stations within a mile radius.

[Advanced Options](#)

Alternative Fueling Station Locator

[Help](#)

Results 1 to 10 of 15

A [Clean Energy - Denver](#)
Compressed Natural Gas
1123 W 3rd Ave
Denver CO 80223
Phone: 303-571-3927
Distance: 1.7 Miles
Access: Public - card key at all times

B [Clean Energy - Diamond Shamrock](#)
Compressed Natural Gas
1001 Broadway St
Denver CO 80204
Phone: 800-366-4602
Distance: 2.1 Miles
Access: Public - card key at all times

C [Clean Energy - Natural](#)
Compressed Natural Gas
5901 Sheridan Blvd
Arvada CO 80003
Phone: 800-366-4602
Distance: 4.8 Miles

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[1](#) [2](#) [>>](#)

[Learn about our data collection methodologies.](#)


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Alternative Fueling Station Locator

[Help](#)

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☐ Liquefied Petroleum Gas (Propane)

Enter your route using Address, City, State, or Zip Code

Starting Location
kansas city, ks

Ending Location
denver, co

Show stations within miles of my route

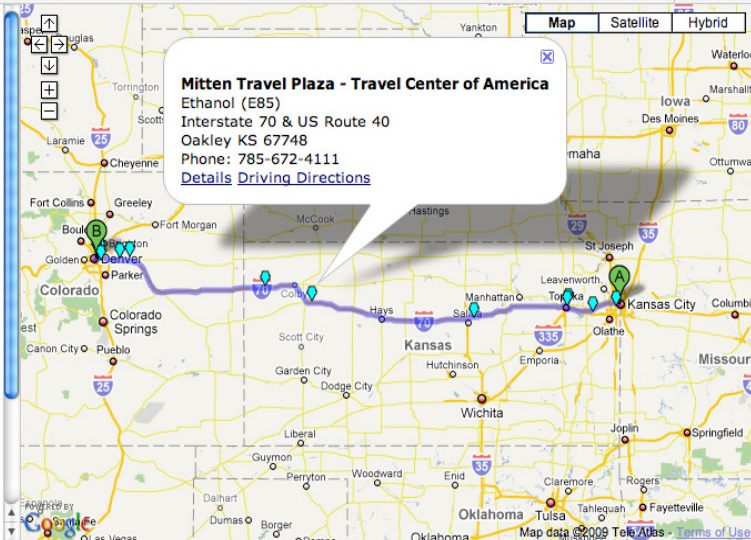
[Advanced Options](#)

[Get Results](#)

Kansas City, KS

599 mi (about 8 hours 38 mins)

1. Head **south** on **S 7th Street Trfy/US-69** toward **Sumner Ave** 0.4 mi
2. Merge onto **I-70 W/US-40 W/US-69 S** via the ramp to **Topeka** Continue to follow I-70 W Partial toll road Entering Colorado 595 mi
3. Take exit **274** for **US-85/US-6/I-70/US-87/I-25** 0.7 mi
4. Continue toward **Fox St/ Park Ave W** 0.5 mi
5. Keep **right** at the fork, follow signs for **Park Ave** and merge onto **Fox St/ Park Ave W** Continue to follow Fox St 1.3 mi
6. Continue on **22nd St** 0.3 mi



Mitten Travel Plaza - Travel Center of America
Ethanol (E85)
Interstate 70 & US Route 40
Oakley KS 67748
Phone: 785-672-4111
[Details](#) [Driving Directions](#)

Map data ©2009 Tele Atlas

Some locations can't be precisely located by the mapping application, so we recommend you call stations to verify location, hours of operation, and access.

[Learn about our data collection methodologies.](#)

AFDC Mobile Alternative Fueling Station Locator



Alternative Fuels & Advanced Vehicles Data Center

Mobile Alternative Fueling Station Locator

Fuel Type
Biodiesel (B20 and above)

Location
Enter a city, postal code, or address
80204

☒ **Include private stations**
Not all stations are open to the public. Choose this option to also search private fueling stations.

Search

Caution: The AFDC recommends that users verify that stations are open, available to the public, and have the fuel prior to making a trip to that location. Some stations in our database have addresses that could not be located by the Station Locator application. This may result in the station appearing in the center of the zip code area instead of the actual location.

If you're having difficulty, please contact the technical response team at [800-254-6735](tel:800-254-6735). They will be able to assist you.



AFDC Light- and Heavy-Duty Vehicle Search



Alternative & Advanced Vehicles

Search Help | More Search Options | Site Map | EERE Information Center

Light-Duty Vehicle Search

Heavy-Duty Vehicle Search

Flexible Fuel Vehicles

Natural Gas Vehicles

Propane Vehicles

Hybrid Electric Vehicles

Plug-in Hybrid Vehicles

Electric Vehicles

Fuel Cell Vehicles

Diesel Vehicles

Conversions

Resale

Technician Training

Idle Reduction

Fuel Economy

Emissions

Light-Duty Vehicle Search

Search our light-duty alternative fuel vehicle database to find and compare alternative fuel vehicles and generate printable reports to aid in decision-making.

Cars and Trucks | Low Speed

Fuel Type: Natural Gas (1) | Manufacturer: All | Class: All

Year: ☒ 2010 (0) ☒ 2009 (1) ☐ 2008 (1) ☐ 2007 (1) ☐ 2006 (4) [More Years](#)

Compare

☐ [Honda Civic GX \(2009\)](#)

Detail

Honda Civic GX (2009)

Fuel: Natural Gas (Dedicated)
Class: Sedan

Fuel Economy: 24 mpg city, 36 mpg highway
Emission Certification: California SULEV, Tier 2 Bin 2


Engine: 4-cyl, 1.8L, SOHC 16-Valve i-VTEC
Transmission: 5-speed automatic
GVWR: 2904 lbs

Dealers: [Locate a dealer](#) or 888-CC-HONDA
Ordering: Orders for the Honda GX are taken anytime during the model year. Honda builds vehicles in advance for anticipated sales. The GX is available in 60-90 days, or 30 days if in current stock.

[Cost Analysis](#)

Select [All](#) | [None](#)

Side-by-Side Comparison



Alternative & Advanced Vehicles

Search Help | More Search Options | Site Map | EERE Information Center

Light-Duty Vehicle Search

Heavy-Duty Vehicle Search

Flexible Fuel Vehicles

Natural Gas Vehicles

Propane Vehicles

Hybrid Electric Vehicles

Plug-in Hybrid Vehicles

Electric Vehicles

Fuel Cell Vehicles

Diesel Vehicles

Conversions

Resale

Technician Training

Idle Reduction

Fuel Economy

Emissions

Heavy-Duty Vehicle and Engine Search

Use this tool to get specification and purchasing details on specific vehicles (chassis) or engines. You can also compare selections and generate printable reports to aid in the decision making process.

Vehicles | Engines | Hybrid Propulsion Systems

Manufacturer: Autocar LLC | Fuel Type: LNG | Application: All

Compare

☐ [Autocar LLC - Xpeditor](#)


Detail

Model: Xpeditor
Manufacturer: [Autocar LLC](#)
Manufacturer Phone: 877-973-3486
Application: Refuse
Fuel Type Options: CNG, LNG
GVWR: 66000 lbs
Maximum Seating Capacity: 2
Transmission Make: Allison MD-HD
Transmission Type: Auto

Description: Class 8 trucks built for the refuse business. The Xpeditor includes ergonomically redesigned cabs with dashboard-integrated body switches and controls.

Select [All](#) | [None](#)

Side-by-Side Comparison



Compatible Engines:
[B Gas Plus - BG 195](#)

Hard copy guide will be available soon!





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ENERGY

Energy Efficiency &
 Renewable Energy

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Colonial Williamsburg
 04/08/10 - Discover how Colonial Williamsburg transports visitors with alternative-fuel vehicles.



Camelot Elementary
 03/25/10 - Find out how students in San Antonio, Texas, reduce vehicle idling.



NYC Dept. of Sanitation II
 03/11/10 - Watch how NYC improves air quality for residents.

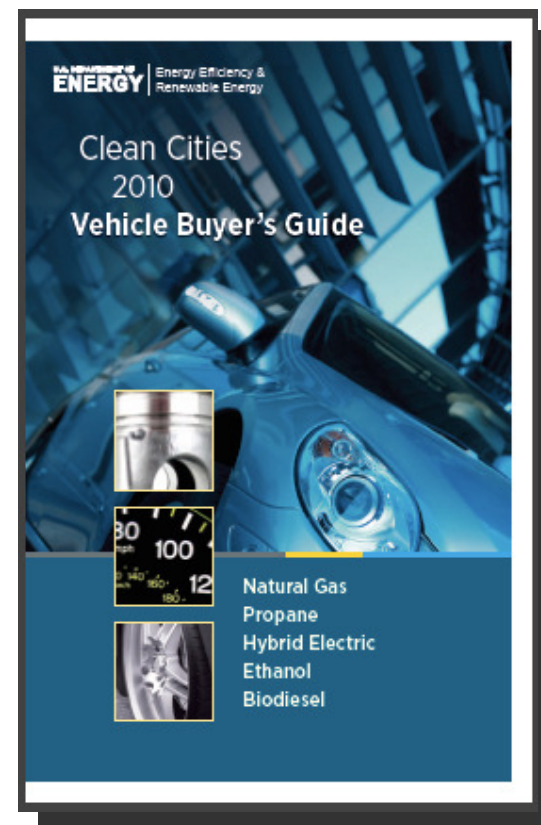
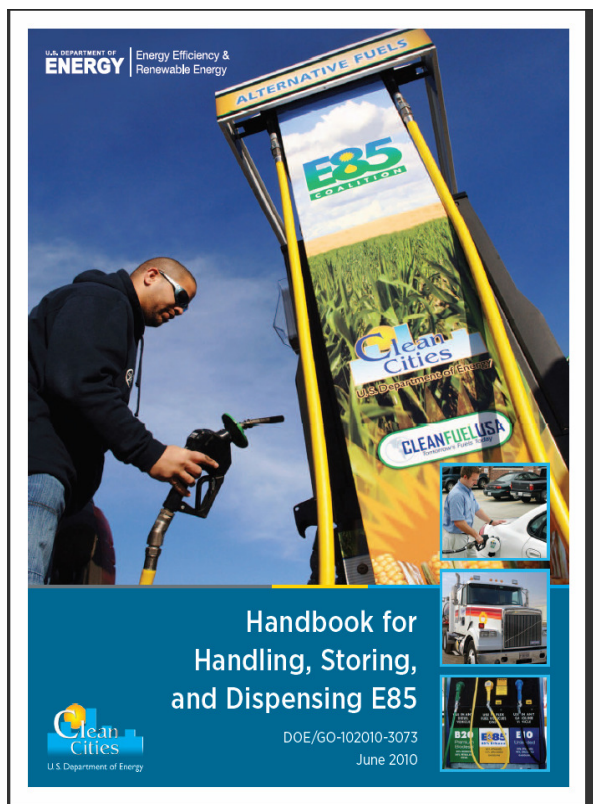


Gloucester Co. Schools
 02/25/10 - Find out how Gloucester County Schools...



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Websites and Contact Information

Clean Cities Website

www.eere.energy.gov/ccities/

Clean Cities Coordinators

www.eere.energy.gov/cleancities/progs/coordinators.php

Alternative Fuels & Advanced Vehicles Data Center

www.eere.energy.gov/afdc

DOE EERE Information Center and Technical Response Service

Website: <http://www.eere.energy.gov/afdc/informationcenter.html>

Phone: 1-800-EERE-INF (1-877-337-3463)

E-mail: technicalresponse@icfi.com

Hours: 9:00 a.m. – 6:00 p.m. EST

American Recovery and Reinvestment Act Website

<http://www.energy.gov/recovery/cleancities.htm>

Mike Scarpino

Clean Cities Regional Project Manager
U.S. Department of Energy
National Energy Technology Laboratory
Pittsburgh, PA
Office: (412) 386-4726
Email: Michael.Scarpino@netl.doe.gov